



BACHELOR OF SCIENCE IN NEUROSCIENCE

AT EASTERN ILLINOIS UNIVERSITY

NAME	
E NUMBER	
CATALOG	

FALL 2023 THROUGH CURRENT CATALOG

GENERAL EDUCATION REQUIREMENTS: 40 HRS

LANGUAGE: 9 HRS

Grade of "C" or better is required.

COURSE	HOURS	GRADE	SEMESTER
ENG 1001G Composition & Language	3		
ENG 1002G Composition & Language II	3		
CMN 1310G Intro. to Speech Comm.	3		

HUMANITIES/FINE ARTS: 9 HRS

COURSE	HOURS	GRADE	SEMESTER
Humanities _____	3		
Fine Arts _____	3		
Humanities or Fine Arts _____	3		

SOCIAL/BEHAVIORAL SCIENCE: 9 HRS

Must be from two different disciplines. One course must meet Cultural & Diversity requirement

COURSE	HOURS	GRADE	SEMESTER
	3		
	3		
	3		

FOREIGN LANGUAGE: 0-8 HRS

☐ Exempt if 2 yrs in high school with "C" average.

COURSE	HOURS	GRADE	SEMESTER
WL _____ G	4		
WL _____ G	4		

SCIENCE AWARENESS: 7 HRS

Complete in major.

MATHEMATICS: 3 HRS

Complete in major.

NEUROSCIENCE CORE: 27-28 HRS

A grade of C or better is required in all psychology courses counting toward the major.

PSYCHOLOGY COURSES	HOURS	GRADE	SEMESTER
PSY 1879G Introductory Psychology	3		
NEU 3905 Neuroscience Research Meth.	3		
BIOLOGY COURSE	HOURS	GRADE	SEMESTER
BIO 1500 General Biology I	4		
CHEMISTRY COURSES	HOURS	GRADE	SEMESTER
CHM 1310G General Chemistry I ¹	3		
CHM 1315G General Chemistry I Lab ¹	1		
CHM 1410G General Chemistry II ²	3		
CHM 1415G General Chemistry II Lab ²	1		
MATH COURSE	HOURS	GRADE	SEMESTER
MAT 2110G Brief Calculus with Applications*	3		
RESEARCH COURSES	HOURS	GRADE	SEMESTER
BIO 3451 Undergraduate Research*	3		
OR NEU 4100 Undergraduate Research*			
CHOOSE 1 STATISTICS COURSE	HOURS	GRADE	SEMESTER
MAT 2250G Elementary Statistics*	4		
OR PSY 3610 Stat Methods of Psych*	4		
OR BIO 4750 Stat Analysis of Scientific Data*	3		

PSYCHOLOGY GROUP: 18 HRS

All psychology courses have introductory psychology as a prerequisite (PSY1879G or PSY1890G) with a C or better.

COURSES	HOURS	GRADE	SEMESTER
PSY 3310 Biological Psychology	3		
CHOOSE 3 COURSES FROM BELOW:	HOURS	GRADE	SEMESTER
PSY 3450 Neuropsychology	3		
PSY 3680 Sensation and Perception	3		
PSY 3820 Cognitive Neuroscience	3		
PSY 4810 Neuropsychopharmacology*	3		
CHOOSE 2 COURSES FROM BELOW:	HOURS	GRADE	SEMESTER
PSY 3518 Language Development	3		
PSY 3710 Human Memory	3		
PSY 3780 Abnormal Psychology	3		
PSY 3830 Cognitive Psychology	3		

BIOLOGY GROUP: 20 HRS

COURSES	HOURS	GRADE	SEMESTER
BIO 3120 Molecular and Cellular Biology*	4		
BIO 3200 Genetics*	4		
BIO 4834 Neurobiology*	4		
BIO 4835 Advanced Neurobiology*	4		
BIO 4832 Animal Behavior*	4		
OR BIO 4833 Neurobiology of Diseases*	4		

¹ One year of high school chemistry or credit in CHM 1040G with a grade of C or better. Not recommended for those whose ACT mathematics score is less than 21 without prior completion of or concurrent enrollment in MAT 1271. CHM 1315G must be taken concurrently.

² A grade of C or better in both CHM 1310G and 1315G. CHM 1415 must be taken concurrently.

* Additional prerequisite classes may be required. See Undergraduate Catalog

GRADUATION REQUIREMENTS:

<input type="checkbox"/> 120 Hours
<input type="checkbox"/> 40 SH of upper division courses (3000+)
<input type="checkbox"/> 30 SH in residence at EIU
<input type="checkbox"/> 30 SH junior-senior residency
<input type="checkbox"/> 12 SH senior residency
<input type="checkbox"/> 2.00 Cumulative GPA

<input type="checkbox"/> 2.00 Major GPA
<input type="checkbox"/> Cultural Diversity
<input type="checkbox"/> Application for Graduation (First semester junior year)
<input type="checkbox"/> Electronic Writing Portfolio <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> See www.eiu.edu/~assess/ for requirements

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NOTES, QUESTIONS, MINOR REQUIREMENTS:

SUGGESTED 4-YEAR SEQUENCE

YEAR 1 MUST EARN 30+ SH FOR SOPHOMORE STATUS			
FALL		SPRING	
ENG 1001G	3	ENG 1002G	3
BIO 1500	4	CHM 1410G/1415G	4
CHM 1310G/1315G	4	Gen Ed Elective	3
PSY 1879	3	Gen Ed Elective	3
		¹ MAT Prereq for 2110G	3
Total		Total	16
YEAR 2 MUST EARN 60+ SH FOR JUNIOR STATUS			
FALL		SPRING	
MAT 2110G	3	BIO 3200	3-4
PSY 3310	3	MAT 2250G, PSY 3610,	4
BIO 3120	4	OR BIO 4750	
Gen Ed Elective	3	PSY Elective	4
Gen Ed Elective	3	Gen Ed Elective	3
Total		Total	13-15
YEAR 3 MUST EARN 90+ SH FOR SENIOR STATUS			
FALL		SPRING	
BIO 4834	4	BIO 4835	4
NEU 3905	3	BIO 3451 OR PSY 4100	3
PSY Elective	3	PSY Elective	3
BIO Elective	4	PSY Elective	3
		Elective	3
Total		Total	16
YEAR 4 MUST EARN 120 SH TO GRADUATE			
FALL		SPRING	
EIU 4XXXG	3	Elective	3
PSY Elective	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
Total		Total	15

¹ See Math Placement

The suggested schedule assumes that the foreign language requirement has been completed.

FOR MORE INFORMATION CONTACT:
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CHAIR

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